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WITH THE CORN BORER



Issued in the interest of corn-borer control conducted by the United States Department of Agriculture in cooperation with State departments of Agriculture and State agricultural colleges in New York, Pennsylvania, Ohio, Michigan and Indiana.

No. 1

Washington, D. C.

March 31, 1927.

SECRETARY JARDINE GIVES CORN-BORER CONTROL PRIORITY



SECRETARY JARDINE in a memorandum to chiefs of bureaus and offices in the United States Department of Agriculture dated March 18, gives priority to business in connection with the corn-borer campaign. The campaign is being conducted under the general direction of Dr. A. F. Woods, Director of Scientific Work, and through the Bureau of Entomology and the Extension Service of the Department. Matters relating to the campaign, the memorandum states, are to be handled for the most part through regular Department channels. All bureaus and offices are requested to give such matters prompt attention.

WORTHLEY TAKES CHARGE OF CORN-BORER CONTROL
TOLEDO HEADQUARTERS L. H. Worthley, heading the Federal field organization, left Washington for Toledo headquarters, 615 Front Street, on March 18. An account of the field activities appeared in the local press of March 21. About 200 persons applied at headquarters for a job on that day. A part of the newly employed force are unloading tractors and other new equipment to be distributed from Toledo. The first step in the organization work was to name the county corn-borer supervisors and inspectors to work with the farmers in the clean-up area. These county supervisors and inspectors working under them who are being selected are local men. Mr. Worthley emphasizes the fact that the local corn-borer committees are asked to recommend both supervisors and inspectors and that the men selected are from the counties in which they will work.

The control area has been divided for administrative purposes into two divisions: The eastern division, Pennsylvania and New York, under H. N. Bartley with headquarters at 716 Commerce Building, Erie, Pa., and the central division, including Michigan, Ohio, and Indiana, under E. G. Brewer at 2036 East 22nd Street, Cleveland, Ohio.

Address communications to Information Division, Corn-borer Control, Extension Service, U. S. Department of Agriculture, Washington, D.C.

C. O. Reed of Ohio State University, in charge of engineering and equipment, left on March 19 for Toledo headquarters where he is making arrangements for storage space and repair and replacement facilities for the motor equipment. R. B. Gray of the U. S. Department of Agriculture, associated with Mr. Reed in this work, left Washington to take up his work in Toledo on March 23. Supplies and machinery will be distributed from five supply stations located at Silver Creek, N. Y., in charge of J. Stockbridge; Sagerstown, Pa., in charge of A. Mathewson; Elyria, Ohio, in charge of H. Dillingham; Auburn, Ind., in charge of William Neville, and Howell, Mich., in charge of C. O. Larrabee.

FULL INFORMATION TO EVERY FARMER So that every farmer affected will have full information on the regulations governing the clean-up, there will be placed within the next week in every rural mail box in the clean-up area a copy of Miscellaneous Circular No. 102, Pertinent Information Regarding the 1927 Spring Clean-up of Areas Quarantined on Account of the European Corn Borer. The circular states that: The clean-up campaign is for the benefit of the farmer, and its success depends largely upon his whole-hearted support and cooperation in performing voluntarily the work necessary to meet the regulations. This publication gives detailed information about regulations and suggestions, outline of the plan, extra labor allowances to farmers, penalties and assessments, and provisions for Federal equipment available and its use.

IMPORTANT AMENDMENT TO REGULATIONS

March 30

Secretary Jardine to-day approved an amendment to regulations governing the clean-up affecting the extra labor allowance for sweet corn. The amendment provides a maximum compensation of \$2 per acre for sweet corn, putting it on a parity with the maximum compensation for field corn.

MICHIGAN RADIO TALKS L. R. Simons of the Washington office, assisting G. E. Farrell in corn-borer education work, on returning from his first field trip to New York, Ohio, Michigan, and Indiana reports very effective use of the radio in Michigan. Every week day at noon, when the farmers are accustomed to listen in on market reports, up-to-the-minute information on corn-borer control is being broadcast by the officials directly in charge of the campaign from the Michigan State College station, WKAR.

EDUCATIONAL WORK GETS UNDER WAY

The educational work of the campaign in the five States is being carried on by the regular extension organization, supplemented by a corps of special leaders, specialists, and assistant county agents. Each of the States within the last week or 10 days has held one or more conferences of its extension workers, meeting with State departments of agriculture and Federal officials to work out a coordinated educational program.



New York held a conference at Buffalo on March 18 with representatives from the State college of agriculture and the State department of farms and markets, county agents from Cattaraugus, Chautauqua, Erie, Niagara, and Orleans counties and their assistants in corn-borer work present. The conference adopted plans for a thorough clean-up in the State and arranged to begin active operations on Monday morning, March 21.

The educational work in New York is being carried out under Director of Extension C. E. Ladd of the New York State College of Agriculture cooperating with the State department of agriculture and markets. E. V. Underwood will be in direct charge of corn-borer education. In the counties the work will be handled by the following county agents: Charles N. Abbey, Cattaraugus County; K. E. Paine, Chautauqua County; R. F. Fricke, Erie County; Leo A. Muckie, Niagara County; Ralph G. Palmer, Orleans County. To assist them the following assistant county agents in corn-borer education have been appointed: W. T. Crandall, Erie County; Philip D. Rupert, Orleans County; Milo Thompson, Cattaraugus County; H. M. Bowen, Niagara County; and F. O. Underwood, Chautauqua County.

In the Indian reservations, Russell Hill has been appointed as assistant agent to work under Dr. Erl Bates, advisor in Indian extension work. The Seneca Nation, whose reservation is included in the area, passed a corn-borer control law of their own about two years ago. The Indians grow a great deal of corn in small patches on the reservations and are awake to the necessity of action against the borer.

The information service of the campaign in New York is being directed by Bristow Adams, editor, New York State College of Agriculture. Assisting him are Leland P. Ham, his regular assistant editor, and Miss Marjorie Short, assistant in corn-borer information, who will be located at Westfield, Chautauqua County.



Michigan held a conference March 22 at Lansing with 75 agricultural workers present representing the county agents, their special assistants, and the county corn-borer committees. The morning session was held at the Michigan State College, for discussion of plans for the campaign. The afternoon session under the auspices of the State department of agriculture was held in the State Capitol because of the large crowd present. The House of Representatives put aside their business and gave up their chamber to a public hearing on the corn-borer question. It was the first time in the annals of the Michigan Legislature that an open meeting was held to discuss an agricultural measure. Mr. Worthley addressed the meeting, going over the requirements of a good clean-up and the regulations governing the campaign, also answering any questions on the work.

The field demonstration work proper started in Michigan on Monday, March 28. The territory is divided into five sections, comprising about four counties each. One master demonstration is being held in each section. Next week, the engineers will visit the counties to help the agents put on demonstrations, hold meetings, and give any other assistance needed. O. S. Fisher, extension agronomist, Office of Cooperative Extension Work, represented the department in conferences at which demonstrations in clean-up methods were planned and gave material assistance.

The Michigan State Department of Agriculture is emphasizing the thought that State and Federal agencies are collaborators with the farmers in the fight against the corn borer, and that the department is prepared to aid them to the fullest in their efforts. The department wants it understood, however, that after May 1 the provisions of the regulatory act will be enforced not with the idea of punishing the farmer who did not clean up, but for the purpose of protecting the farmers who voluntarily have made a satisfactory clean-up.

The educational work in Michigan is being carried out under Director of Extension R. J. Baldwin of the Michigan State College cooperating with the State department of agriculture. Howard C. Rather, extension leader in corn-borer work, is in direct charge of corn-borer education. To assist him in the state-wide work, C. B. Dibble, entomologist, has been appointed and the following engineers: Clare Miller White, Arthur J. Bell, Irving D. Charlton, and the extension engineer, George A. Getman. In the counties the work will be handled by the following county agents: C. W. Andrews, Branch County; James R. Campbell, Genesee County; John V. Sheap, Hillsdale County; David Woodman, Huron County; Roy E. Decker, Jackson County; R. L. Olds, Kalamazoo County; C. L. Bolander, Livingston County; C. S. Hedrick, Macomb County; Clare L. Burton, Monroe County; H. M. Vaughn, Oakland County; John D. Martin, Sanilac County; Allen B. Love, Saginaw County; C. L. Nash, St. Clair County; J. W. Sims, Tuscola County; Harold S. Osler, Washtenaw County; Ralph Carr, Wayne County; and L. R. Binding, St. Joseph County. To assist them the following assistant county agents in corn-borer education have already been appointed: Wilbert H. Keddy, Genesee County; Berto A. Holden, Oakland County; Clay North, Saginaw County; Frank Baker, Tuscola County; C. Albert Thomas, Washtenaw County.

The information service in Ohio is being directed by J. E. McClintock, extension editor, college of agriculture, Ohio State University. Assisting him are J. R. Fleming, regular associate editor, and Lige Trussler, assistant in corn-borer information.



Indiana held a three-day conference in La Fayette, Ind., on March 24, 25, and 26, with the county agents from the 5 counties in which the control campaign is to be carried on, the assistant county agents in corn-borer work, and the specialists from Purdue University present. Regulations governing the clean-up and the best method of doing it were thoroughly explained and demonstrated. The county agents and their special assistants then returned to their own counties where they made a study of conditions as they existed in their own territory in the light of the requirements and methods of meeting them outlined at the conference. Wednesday morning, March 30, the workers are again meeting at Purdue University to confer with the engineers and decide what types of demonstration are most desirable and what types of equipment shall be recommended in the Indiana area.

The Indiana Corn-Borer Special began on March 29 to visit some 25 points in the State before April 8, carrying information concerning the corn-borer clean-up to farmers involved in the campaign. The train is being run in the territory west of the infested area. Special exhibits showing the life history of the borer, how it spreads and the methods of control used in the clean-up drive are a part of the equipment. Lecturers accompany the train to speak and answer questions at each stop. The agricultural extension department of Purdue University, the State entomologist of the conservation department, and the Pennsylvania Railroad are cooperating in this enterprise.

The educational work in Indiana is being carried out under Director of Extension G. I. Christie of Purdue University cooperating with the State department of conservation. Leroy E. Hoffman is in direct charge of corn-borer education. F. B. Goss has been appointed engineer in corn-borer control work to assist the demonstrations. In the counties the work will be handled by the following county agents: H. E. Stinson, De Kalb County; S. A. Colliver, Steuben County; W. F. Burbank, Allen County; J. B. Cunningham, Noble County; B. V. Sidney, Whitley County. In Lawrence County, which had no county agent, Horatio S. Astor has been appointed county agent in corn-borer control work. The following assistant county agents in corn-borer work have been appointed: J. D. Hill, Allen County; Maurice Douglass, Whitley County; Herman R. Fuller, De Kalb County; James C. Covert, Steuben County.

The information service in Indiana is being directed by T. R. Johnston, editor, Purdue University, assisted by L. J. Mathews, assistant in corn-borer information.

PA. The education work in Pennsylvania is being directed by Director of Extension J. C. McDowell of the Pennsylvania State College cooperating with the State department of agriculture. Director McDowell is being assisted by the regular agricultural engineering specialist, J. R. Maxwell, and the extension entomologist, H. E. Hodgkins, who are giving their full time to the corn-borer control work. The campaign is being carried on in eight counties in Pennsylvania. In these counties the work will be handled by the following county agents: R. M. Gridley, Beaver County; W. F. Mandeville, Butler County; C. D. Sprout, Crawford County; R. M. Eagle, Erie County; H. R. McCullough, Lawrence County; W. S. Hager, Mercer County; Eugene G. Ifft, Venango County; and H. W. Reist, Warren County. A stenographic assistant has been appointed to seven of these counties to take charge of checking up the pledge cards signed by the farmers in the county. These pledge cards will be used as an index to the districts in which special attention should be given during the coming months.

SLIDES NOW AVAILABLE A series of six slides for display between programs at local motion-picture theatres, showing the seriousness of the corn-borer situation and the methods of making a thorough clean-up, are now available to all county extension agents in the control area. These slides are being distributed through the following State officials: Bristow Adams, editor, New York State College of Agriculture, Ithaca, N. Y.; E. H. Rohrbeck, editor, Pennsylvania State College, State College, Pa.; J. E. McClintock, editor, college of agriculture, Ohio State University, Columbus, Ohio; J. B. Hasselman, editor, Michigan State College, East Lansing, Mich.; and T. R. Johnston, editor, Purdue University, La Fayette, Ind.

